

Technical Specifications

12V, 1.7A

Electrical Characteristics

1. Input Voltage	150 – 270V AC
2. Output Voltage-Boost mode	14.4V DC
3. Output Voltage-Float mode	13.8V DC
4. Charging Current-Boost mode	1.7A
5. Leakage Current @ 230 V ac	< 2mA
6. Line regulation	< 1%
7. Load regulation	< 1%
8. Ripple content	150mV p-p
9. Dielectric strength:	
Between Input & Output	2kV AC
Between Input & Earth	1.5kV AC
Between Output & Earth	1.5kV AC

Protections

1. In rush current	Limited by NTC Thermister
2. Under voltage at Input	Cutoff at 140V AC. Cut in at 160V AC
3. Over voltage at Output	15.5V
4. Short circuit at Output	Protected
5. Overload at Output	Protected
6. Reverse polarity of Battery	Protected

Other Features

1. Indications	Boost/Float mode –Dual Color LED
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Mechanical

1. Type of mounting	Table Top mounting Type
2. Dimensions LxWxH	122x54x36

Environmental

1. Operating Temperature	0 – 50 Deg.C
2. Operating Relative Humidity	0 – 80% Max.
3. Vibrations	10 – 500Hz 2G-10min. / 1 Cycle 60 min. along all Three axes